



1 IN THE SPECIFICATION

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3 Please insert the following paragraph on page 24 lines 18 through page 25 line1:

4 "A ~~The~~ basic structure of ~~the~~ a molecules is used in the process described herein ~~include~~ is:  
5 ~~(R-Xa-Xb)<sup>3</sup> R-X<sub>a</sub>-Xb<sub>3</sub> or R<sup>3</sup>-Xa-Xb R-R<sub>3</sub>-X<sub>a</sub>-Xb~~ where R is a carbon compound, X<sub>a</sub> is a trivalent  
6 tetravalent or penta valent atom and Xb is a reactive seven valence (which may be substituted with  
7 trivalent or pentavalent atoms and other embodiments), and Xb is a halogen (fluorine, chlorine,  
8 bromine, etc.) or their equivalent.

9 Please add the following paragraph to the end of the specification:

10 --A plurality of Applicant's reactive molecules may enter to the wood cellulose from a  
11 solution as shown in Figure 17A. Here the solution is an alcohol 72 solvated solution, although there  
12 may be trace amounts of water 71 and other organic solvents 70. A pro-catalyst 27 (MeSiCl<sub>3</sub> here)  
13 and a silicone donor 73 (MeSi(OCH<sub>3</sub>)<sub>3</sub> here) are used to prevent the pro-catalyst 27 from adding  
14 too much acidity to the wood. The use of hydrophilic organic solvents and monomers allows the  
15 reaction to begin and proceed by simple diffusion of the solvents and reactants into the wood.--